The Nomad AWS Minilab

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Overview

- Review the Nomad AWS Minilab code
- Set up networking to access remotely
- Deploy our 3-node AWS lab
- Learn how to login to the lab consoles
- Access the nodes using SSH
- Deleting the Nomad AWS Minilab

The Nomad AWS Minilab Architecture

Access the Code

Nomad AWS Minilab

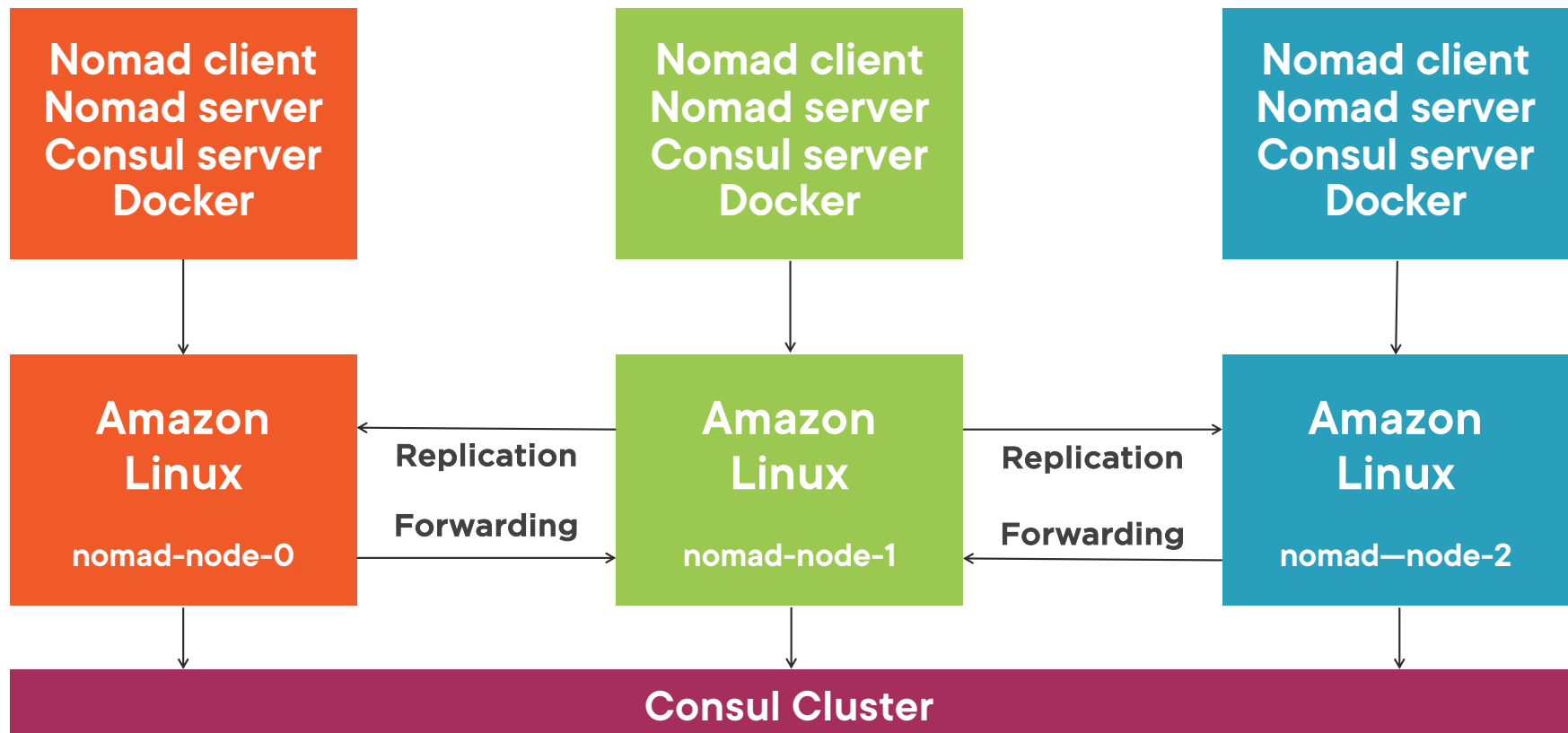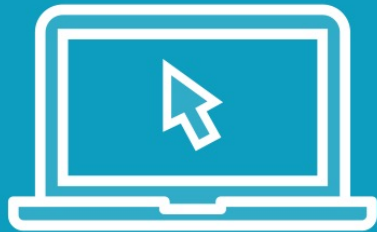https://github.com/discoposse/nomad-aws-minilab

BE CAREFUL!

The Nomad AWS Minilab uses AWS resources which will incur a cost. Please use care when deploying and remember to delete resources when no longer needed.
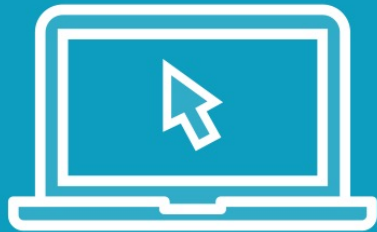
Nomad AWS Minilab Logical Design

Nomad client Nomad server Consul server Docker		Nomad client Nomad server Consul server Docker		Nomad client Nomad server Consul server Docker
Amazon Linux nomad-node-0	Replication Forwarding	Amazon Linux nomad-node-1	Replication Forwarding	Amazon Linux nomad—node-2

Consul Cluster

Demo

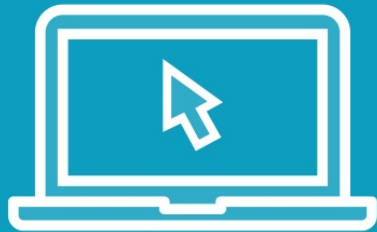- Review the Nomad AWS Minilab code

Demo

- **Deploy the Nomad AWS Minilab using Terraform Cloud**

Demo
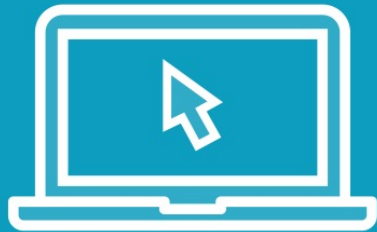
- Access the Nomad and Consul UI

Demo

– **Deleting the Nomad AWS Minilab**

Summary

- **Reviewed the Nomad AWS Minilab code and requirements**
- **Deployed a working 3-node AWS lab**
- **Accessed using the UI and CLI via SSH**
- **Shut down and deleted the lab**